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TECH NEWS

VOL. 4-NO. 8

WORCESTER, MASS., MONDAY, NOVEMBER 4, 1912.

PRICE FIVE CENTS

R.P.I.9 W.P.I.0

Rensselaer Outplays Tech

In a fast and clean game, Rensselaer defeated Tech, 9 to 0. The visitors made a touchdown, kicked the goal, and shoved Tech over her own goal line for a safety. Tech never had a look-in and did not put the ball nearer than 20 yards to the visitors' goal line.

First Half.

Roberts of Tech kicked off to Penney, who ran the kick back about five yards. A forward pass, Penney to Turner, gained four yards. Penney shot thru the line for two more, and on the next play Spear lost three yards on an attempted line buck. Kimlock punted.

Tech had the ball on her own 5-yd line. Barnes made one yard thru right guard, but found the hole plugged when he tried it again. Roberts punted about 40 yards to Penney, who made five yards with it. The next play gained nothing; then Kimlock made three yards thru the line, Roberts making a good tackle. On a kick formation Kimlock tried to go around right end, but failed. Penney tried for a field goal from the 35-yd line, but the ball went three feet outside the posts.

It was Tech's ball. Barnes squeezed around left end for a yard. A double pass, Barnes to Higbee, around right end, gave five yards. Power could not gain through left guard, and Roberts kicked to Penney, who was downed in his tracks. Kimlock found Dave Howard waiting for him when he tried the line. A pretty forward pass netted 15 yards for Rensselaer. Barnes made a fine tackle. Penney made five thru the line. Then everybody began doing it. Spear made two thru right tackle, and a delayed pass brought them 15 yards nearer Tech's goal. On a pretty forward pass, the man carrying the ball went offside. The ball was brought in and was only a yard from the goal. Gallagher went thru for the touchdown, via left tackle. Turner kicked the goal. Rensselaer 7, Worcester 0.

Rensselaer kicked and Barnes made 20 yards. On a tackle around play, Howard got nine more. Higbee added seven by two line plays. The Rensselaer line held like a wall, and Power could gain but a yard on two line bucks. R. P. I. took the ball on our 50-yd line. The first two plays brought them five yards. Penney fumbled on the next play, but recovered the ball. A forward pass was blocked, and Tech regained the ball.

Power slid thru right guard for four yards, and Barnes made it five more around left end. Higbee was shoved thru right guard for a couple. The next three plays gained nothing. On a delayed pass, Kelley to Power, the line was caught holding, and Tech was penalized 15 yards. A forward pass, Power to Barnes, was good for five. Time out here for Barnes. Roberts had to kick to Penney. Stone was right there and nailed him. There was no gain on the first play, but then Spear made four on a skin tackle play. Capt. Turner wrenched his knee and left the game for a while. May was substituted. Friars replaced Barnes. On this skin tackle play, Rensselaer was penalized 15 yards for holding. Gallagher made 10 yards, but had to kick on the next play. Kelley ran it back five yards. Friars got three, and then Howard lost two on a tackle around play. Time called. R. P. I. 7, Worcester 0.

Second Half.

Most of the rather harrowing details of this half can be left out. Rensselaer outlasted Tech in every department of the game except kicking. Roberts had it on the Rensselaer man in puntfing. Spear changed places with May and McKelvie went in at left half. During the

third quarter Bidwell replaced Tinker. Rensselaer had a shade on Tech during this quarter, but could not score.

The crowd cheered Wulf when he came into the game at the beginning of the last quarter.

Tech began to play a loose game. When Wulf got started on an end run his knee gave out on him and he had to leave the game. Kelley went to left half and Turnbull went in at quarter. Whitney had already replaced Becker. Tech tightened again and began to fight in earnest. Turnbull made two dandy tackles and Tech finally got the ball only to lose it again. Geer took Steele's place.

By good playing Tech took the ball away from Rensselaer on the 1-yd line. Power tried to jam thru left guard, but was shoved back over his goal line. This gave Rensselaer two points, making it 9 to 0. The ball was put in play by Tech on her own 20-yd line, but the whistle blew before anything could be started.

The lineup.

RENSELAER—9 0—W. P. I.
Sperling le re Stone
Schultz lt rt Howard, (Capt)
Young lg rg Tinker, Bidwell
Tuller c c Becker, Whitney
McMullen rg lg Wiederman
Kuys rt lt Robert
Turner (Capt) May Spear lc

Spear, McKelvie lhb rlb Barnes, Friars
Kimlock rhb lhb Higbee, Wulf, Kelley
Gallagher fb fb Power
Penney qb qb Kelley, Turnbull
Quarters, 12, 10; 12, 10. Referee,
Frank Low, Dartmouth. Umpire, T. F.
Cook, M. A. C. Head linesman, Dowd of
Colgate. Linesmen, May and Dike of
R. P. I. Haines of W. P. I. Touchdown,
Gallagher, Goal from touchdown, Turner.
Safety, Power.

CHEMISTS TAKE TRIP.

See Whiting Milk Station and Merri-mac Chemical Works.

Last Tuesday, under the chaperonage of Dr. Calhane, the Senior Chemists went to Boston on an inspection trip. The morning was occupied in getting to Charlestown and inspecting the Whiting Milk Station from the arrival of the milk, thru the pasteurization, analysis, etc., to the bottled product. The butter, cheese and cream branches were similarly examined, the latter being outlets for excess and waste material.

The majority of this party of thirteen men from the '13 class took dinner at the Crawford House, being served by a waiter who wore a badge numbered 13. At two o'clock, the crowd again collected—except a couple who claim that they "missed" the train—at the North station, where they boarded a train for South Wilmington. The afternoon was spent in an examination of the commercial manufacture of heavy chemicals. Sulphuric, hydrochloric, nitric and acetic acids plants were shown them. The manufacture of Glauber's salts, aluminum sulphate and other chemicals of a similar nature were thrown open to the students.

After supper—the place hasn't been mentioned—the crowd scattered—but only one man came home. The reporter has been unable to obtain information about most of them; a couple admitted that they had attended the theater, and said "It was some show," so you can guess where they went. The rest of the Chemists keep "mum" and say nothing. When questioned, "they had a jolly good time, and H. S. is a brick."

And now, every Friday morning, you will find the Senior Chemists working out their sentence of one month overtime in the Organic laboratory to repay the generosity of the Department in allowing them to study chemistry away from school.

Athletics

A Communication with Kick To It

To the Editor of the Tech News:—

Sir—In a communication in your issue of Oct. 21, the question is discussed, "Should Athletics Be Abolished at Tech?" and the writer asserts, and I feel sure he is right, that "nearly every student and member of the Faculty will answer in the negative." But from this premise or from the next one, "Physical Training for All," to argue "Let every man in school who has the least athletic ability get out for the football team now" is essentially the syllogism, "Every student needs athletics, football is athletics, therefore every student needs football." This is no more logical than "Every student needs food, frogs' legs are food, therefore every student needs frogs' legs."

Our present system of athletics is based primarily on one central idea, the development of Varsity teams. All the facilities we have are at their disposal, the classes are assessed for their support, and everywhere the cry is "Get behind the team!" Now there is, I admit, something rather inspiring in this, even if it does slide off easily into the purely spectacular side of sport, but the fundamental question is, does it do what athletics are primarily intended to do? The one great reason for the existence of college athletics is proper physical training for all students. That, I believe our present system does not give. The fundamental idea now is centralization, concentration on a few of the best athletes. Proper physical training for all students demands distribution, careful attention to the needs of each student. One is central, the other centrifugal, and they are essentially opposed.

Let us be specific. The present season is recognized as the football season, and the Varsity system attempts to draw every available man into the game. Because it is an exercise that he likes, or that is acknowledged to be suited to his needs, or that will do him good? Well, if that is the reason, it is only as an incidental matter. I quote from the same article again: "It is not necessary for me to be able to make the Varsity" . . . "or him to be willing to engage in the development of the team. He will get just as much good from the sport, probably more, as if he were the best member of the team." . . . Every student should be willing to sacrifice a little of his time each day toward the development of the teams . . . Some incidental thought there is of the student's benefit, but what really is the idea? "to sacrifice" . . . toward the development of the teams." In short, to put it bluntly, a man is urged to a low himself to be used as an exercising machine for somebody else's muscles in order to develop their excellence in a sport of somebody else's choosing.

There is something the matter with such a system. There is something the matter with a system that tries to force men into a sport like football, whose suitability as an exercise for many students is open to serious doubt. I say force, and the word is hardly too strong when we remember that a few weeks ago the News actually published a blacklist of men whom somebody sized up as good timber for the team. Such a thing is preposterous.

What sort of a system then should be substituted for the present one? Compulsory calisthenics, the traditional bane of nearly every college gymnasium in the country? The present system seems to me to be headed straight towards that.

(Continued on page 4)

WHY IS NOT ELECTION DAY GIVEN TO THE STUDENTS TO VOTE.

Why do the students of Tech not have Tuesday, November 5, free from routine work in order that they may vote? Do the powers that are consider that the time cannot be spared, or is wasted, to allow a man to exercise and perform the greatest right and duty the constitution of the United States gives us? Do not we, men of Tech, and Tech itself, owe it to our country to go and vote in this, one of the most important elections, as we see the right? Shame on us if we, as a group of well educated citizens, cannot or do not, vote as we see the right, for the country and the state which, at this moment, makes our education in Tech possible!

Although no figures are attainable, a conservative estimate places the number of men in Tech at a voting age at about 225. Possibly 50, or 22 per cent of these men, live within a distance of the Institute which will allow their voting without losing much work. Another 20 per cent, for various reasons might find it inconvenient and practically impossible to exercise their right. This leaves 50 per cent, or approximately 180 men who are deprived of the duty to vote.

But, on the other hand, if only 39 from a possible 525, or 7 per cent of the men in Tech, see fit to cast their vote in a straw ballot, then it may be right to assume that they do not care or have not been impressed enough with their duties toward the country to vote. If this is the case, by all means, a course in civil government and good citizenship should be given as often as any course in mathematics is given in the Institute.

And again, the writer asks, why may not we, the students who can and wish to vote, have the gift of one day's time to exercise for the first time probably, our great right—that of voting? What argument is there against this?

An American Citizen.

CALENDAR.

Monday, Nov. 4.
Meeting Tech News Assn, Tech News Bldg, at 5 P. M.
Tuesday, Nov. 5.
Go home and vote.
Wednesday, Nov. 6.
Student Popular at 5 P. M. in E. E. hall. Addressed by Dr. Allyn King Foster.
Bull Moose Wake.
Thursday, Nov. 7.
Glee club rehearsal at 4.45 P. M. in Y. M. C. A. room.
Friday, Nov. 8.
Wireless meeting in E. E. bldg, room 2
Orchestra rehearsal and election of officers at 4.45 P. M. in Y. M. C. A. room.
Saturday, Nov. 9.
Football, Amherst at Amherst.

THE DIRECTORY.

Athletic Board.

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Football	J. W. Armour
Track	E. E. Pierce
Tennis	E. T. Franzen
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President 1914	W. J. Kelley, Park 2480-R
President 1915	E. E. Andrews, Park 2034-M
President 1916	E. L. Marble—9-4 Spencer
Pres. Chem. Club	W. Bullard, Park 5860
Pres. Civil Eng. Soc.	N. F. Nutter—Pres.
The Pres. Elec. Eng. Soc.	H. Lindsay
The Pres. Mech. Eng. Soc.	J. Armour, Park 3712-M
The Pres. Wireless Assn.	E. H. Vance
The Pres. Y. M. C. A.	F. A. Simmons, 143 Highland St.
	Sec., C. P. Shedd, Cedar 28
The Orchestra	E. Thomas, Park 5860
The Glee Club	E. Cooper
Dramatic Association	W. B. Brown

TECH NEWS

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All communications should be addressed to Tech News Worcester Polytechnic Institute.

All checks should be made payable to the Business Manager.

The Tech News welcomes communication but does not hold itself responsible for the opinions therein expressed.

All material should be in before Friday noon at the latest in order to have it appear in the week's issue.

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58 Front St.

We announce with regret that "Chick" is to leave us. When we think of the masterly way he has maintained discipline in the midst of great balls of putty, and at the same time entertained us with stories, we take off our hats to him, and wish him good luck as he leaves us.

From the communication received on the subject of "Abolishing Athletics," it appears that very few are in favor of omitting them from among the activities of the Institute. Last week, it was suggested that many preferred "popularity to honesty." The reason for this statement was two-fold—the remarks heard on the Hill and the manner in which the dues are paid. We believe that if we are going to continue this feature of life, that it should be done earnestly and thoroughly. Admitting that you all want them, it is up to you to show it now.

The Editors are grieved to learn that the Senior Chemists are working overtime. For the Chemists to work at all is almost unheard of, but to work overtime is preposterous.

The condition of the bulletin board in Boynton Hall shows a marked improvement; whether it is due to the new section that has been added, to a dearth of material or to better arrangement is immaterial—it is better.

IMPORTANT NOTICE!

There will be a meeting of the '12 representatives of '13 class, Tuesday noon at 12 o'clock in Room 19, Boynton Hall.

TECHNICALITIES.

Prof. C. A. Read has added a Martin test tube to the equipment of the Steam Laboratory. This apparatus consists of a glass tube about one inch diameter and 12 inches long, closed at one end. In the center of the closed end is a black dot. The tube is used to determine the amount of oil present in boiler feed waters. In use the tube is filled with the emulsion until the black dot on the closed end disappears from the vision and by reading the graduated side of the tube a determination can be made of the amount of oil present in the feed water.

The Institute Shops have received orders from Germany for eight drill grinders, the orders being placed through the machinery house of Sennhardt & Schulte, selling agents in Berlin.

Mr. John Jernberg, instructor in forge practice has recently done some interesting work heat treating a set of embossing dies for a local firm.

A short course in "Power Plant Economics" is being carried on by Mr. Balcom, under the auspices of the National Association of Stationary Engineers. This course will be carried on through part of the winter on every other meeting night, and will comprise explanations of power costs in general and also investigations of costs in individual power plants.

Through the generosity of the Technical Supply company of New York city, the Department of Civil Engineering is again enabled to offer a prize in the technical drawing courses of the Junior year. All drawings in the courses in railroad engineering and stereotomy will be considered. The instructors in the department will act as judges of the award, and the points especially considered will be, accuracy, lettering and dimensions, line work, uniformity and general appearance. The prize consists of an exceptionally complete set of drawing instruments.

The Sophomore Civil Engineers are completing the work of making their large area surveys. The class is divided into parties of four men each, and each party is assigned a certain area. The territory covered is an unusually large one, and includes the land between Pleasant, West, William, Chestnut, Harvard, Highland, Salisbury streets, Park avenue, Institute road, Haviland, Highland to Newton square, and then through Pleasant to West street. Computations of the areas between property lines will be made later as also maps of each separate tract.

A complete set of new chairs has been added to the civil engineering reading room.

THINKS THE COURSES ARE STEEP ENOUGH.

By actual count, approximately 250 students use the path and steps from Boynton Hall to West street on an average of four times a day. Thus 1000 pair of feet, or 6000 pair per week pass up this pathway which would hardly do credit to an Indian camp in the Rocky Mountains. Can't something be done to make this 30 per cent ascent easier for the hard-working Tech men who expend 1389 H. P. (Duff's Physics, page 58) and various cuss words in sliding and wheeling to the top of the Hill?

One of the "Puffers."

MR. TILDEN TO LEAVE TECH.

"Chick" is leaving us. He shakes the dust of Worcester from his feet on Thursday, Nov. 7, and proceeds to Gotham.

He is to be in charge of the foundries of the Colwell Lead Co. at Elizabeth N. J., whose offices are at Lafayette & Walker Sts., New York City.

"Chick" announces that he will be "receiving" at his headquarters Tuesday and Wednesday and hopes his many friends will call on him to say good-bye.

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ATHLETICS.

There is no need of abolishing athletics if—we go at things in the proper spirit. The big reason why athletics in general and football in particular has been such a failure is that we have gone at it in a half-hearted manner. The result is that our team is becoming a joke. Nobody wants to come out for it and many of our best men don't seem to think it worth while.

Now the trouble may be, and is, with the student body, because they do not turn out enough for two elevens. And the reason? Because there is no prestige connected with the team. If players do as was alleged in last week's article, and then let every team they run up against play rings around them they will not get enthusiastic support by the student body. To the writer there seems to be a vital reason for these failures, and it is not that old gag, "lack of time."

To one on the sidelines, a little more "pep" in the coaching might prove inspiring, and judging by some of the prolonged "confabs" it has very often looked like a case of players trying to coach the coach. We need additions to the coaching staff, and men of recognized ability, who have played ball and can play ball, and will "fire" the first man who breaks training. Our prospects now against Holy Cross look about half as good as those of the proverbial snowball.

The same criticism might apply to a much greater degree to baseball. The writer went up last spring to watch practice and finally asked where the coach was. Answer: "The fellow over there with the derby on, and the pipe, sitting on the board track." And although the writer went up many more times, he never saw the coach remove the aforesaid pipe to make a criticism or suggestion to a player.

We are willing to dig down for four "bones" but we would like to get results, although we don't want to have to put the Old Ladies' Home on the schedule.

We have as good men here as anywhere and there should be no reason why we cannot have as good teams as other places. By getting at this matter as if we really meant it, with the aid of good coaching, the right spirit in the team, and good support by the student body, we can turn out a team that will make the greatest grid stand up on his hind legs and get excited.

ODE TO A TOTEM POLE.

Has anybody here seen Knowlton?

K N O' L T O N,

Has anybody here seen Knowlton?

Seen him plodding by.

O, his stride is long, but his motion's slow,

When he'll get there we don't know,

Has anybody here seen Knowlton?

Knowlton with my LATE Tech News.

O! MY 'ETH.

"We are thoroly to thy that our comphing room wath entered lath night by thome unknown theoudrel, who thole every eth in the ethtablithment and thueced in making hith ethcae undetected.

It hath been impothible, of courthe, to procure a new thupply of etheth in time for thith iththue. We are thuth compelled to go to prethith in a thituation moth embaraththing and diththreththing, but we thee no other courthe to purthue than to make the beth thitagger we can to get along without the miththing letter. We therefore print the "Newth" on time regaricath of the lothth thuththained. creant ith unknown to uth, but doubt- lethth wath revenge for thome thuppothed

The motive of the miththerable mith- thuth.

It thall never be thaid that the petty thpith of the thmalth-thould villian hath diththled the "Newth." If thith meetth the eye of the deteththable rathcal, we beg to aththue him that he undereththmatteth the reththoureth of a firth-clathth newth- paper when he thiththk he can cripple it hopeleththly by breaking into the al- pha bet.

We take oecathion to thay to him furthermore, that before next Thurtthday we will have three thitheth ath many etheth ath he thithole."

"SEIZOIR" OR ORIGINALITY.

Originality is principally the art of seizing upon something that slips by the rest of the crowd. The moment that you begin to grasp these thots and facts, you become original, and the original man is a successful man, provided we distinguish originality from freakishness. In the near future, we Techites will be forced to meet problems, many of them new problems, and the latter will require seizoir.

Many of us will be writing to periodicals on various subjects, the subjects being largely of our own choosing. What are you going to write on? If the Tech News asks you for an article for next week's News, specifying an Institute topic, would you do it? You would not. I know, because I have made such assignments, and the question is thrown at me immediately, "What will I write on?" Better wake up, men, you will have to later, so you might get into the running now.

"EGO"

Now, my dear readers, I am going to talk to you as if there was only one person in the world, and that is myself. You can never realize, if you should sit up night after night, what queer lonely feelings such greatness creates about me. It is like standing alone in the Sahara Desert or lying down by the side of the Sphinx. Would you like to be me? Why, even Roosevelt has to consider the public a little, but I needn't consider anyone. My only love is the love of myself.

Several years ago, when I considered it nice to listen to my parents and teachers, I warned them that very shortly I should start out for myself and be the only person in the world worth talking about.

But there, friend, don't be jealous. You, too, can soon reach this exalted state of exclusiveness by simply being as selfish as you can and follow my example, and, perhaps, some day you may be as wretched on your little island as I am on mine.

ATHLETICS

Continued from p. 1

When we get our gymnasium we shall probably admit that the present system does not give exercise to all students, then the usual thing is to excuse the Varsity candidates and prescribe calisthenics for the others. You take your choice, help develop the Varsity or wave your arms and hop about in squads. The latter is usually unpopular, and you are again given a push toward the Varsity.

When one sets out to put an ideal into practice, much experimenting is necessary. It is impossible, without trial, to devise a scheme that will not be full of difficulties at the outset, but at least we should decide on an ideal and steer for it. In a phrase, my ideal athletic system is "Interesting Exercise for Everybody." I believe it could best be realized by providing facilities for as wide a range of sports as our means allow, and permitting each student to select his form of exercise each time, but making it an Institute requirement that he do something in the line regularly. A record would have to be kept in some way, perhaps by having each student report at our new gym when he dons his fogs, and again when he dresses. Meanwhile, let him exercise to suit himself. Track, baseball, football, tennis, soccer, basketball, handball, boxing, fencing, apparatus work, walking, skating, skiing, and doubtless others might attract different students if their value was admitted and facilities for them were provided.

Would it work? Nothing but a trial would tell, but with a gymnasium to provide facilities, and with a competent athletic director to advise and teach, I believe it would. At any rate it is toward some such idea that we must look if we are really to solve the problem of proper exercise for Tech students.

R. K. Morley.

Tech Men

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"SPRAWL"

One quality that seems to characterize all men who make good in after life is the quality which I like to term "bull-doggedness." It is the quality that makes a man hang on and fight straight through until he at last finds himself on top. The lives of big men show many incidents where, had they thrown up their hands in discouragement, they would have failed miserably.

We can agree, then, from the results of experience, that this quality is really worth having; but the question is—how can we acquire it?

If you have shut your teeth with a snap and vowed silently, or better out loud, to get the best of some difficult problem, if you have plunged grittily into some difficult translation, if you have found yourself overloaded with work and have taken off your coat and pitched in—if you have done these things or things of like nature, you have this quality.

The college man with bull-doggedness is the man whose eyes have in them the quiet fire of determination; he is the man who sets those eyes on some goal and strives to attain it, regardless of those who strive to trip him; he is "the chap who gets there."

Now is the time to bring out the bulge in your jaws, put the fire in your eyes that men respect when they see it, and fight hard. There are big things in this old world and small things, all of which are respectively labeled: "For the big man to do," "For the small man to do." It is never a game of chance where a small man draws the big man's job, although it may look so a great many times. We are all marching silently towards these big duties of life, but men trip and fall out of the ranks. And so this silent troop march on until there are but a few who win the goal. And when these men cross the line, never shout "Lucky fellow," for the words will mock you, because there is no such thing as "luck."

LIFE IS WHAT WE MAKE IT.

As we grow older and compare the lives of those for whom we care with that of those whom we dislike, we find the latter are scarred with vice, while that of our friends is clean and sweet and their manner of life is upright and neat. But, perhaps, if we should be more fair and follow our dislikes to their lairs—call them forth and confront them squarely—judge them slowly and judge them fairly—I'm sure the results of our investigation would alter the tone of our estimation. And now if we would learn from this, a bite is more noble than a Judas' kiss. So let us look for the best in life and not believe that vice is rife and rampant on this aged sphere that whirls and whirls thruout the year—that does not stop for what we say, although the people on it may. And thus if we look on with kindly eye, praising the truth and excusing the lie, overlooking the faults in order to see, beauties that else would hidden be, in time the world will gaze back brightly, friends we will gain who love not lightly. New friends we'll gain—old enemies lose—until we cannot help but choose belief in all mankind again. Then happiness is sure to reign.

THE SENIOR ELECTRIC.

I say, I'm an electrical engineer,
And a full-fledged one at that, d'ye hear?

How do I know? Did you ask me that?
Say, ain't you talkin' thru ye're hat?

Here's how I know. For three long years I've plugged and ground, an' sweated tears

To get to be one of the engineers.

'Most every teacher on the Hill
Has had his licks at me, until
Sometimes I whined in sheer despair
Swore up and down it wasn't fair.

Three endless years I burned the oil,
And used cracked ice when my brain
'ould boil;

Why, you don't know what it is to toi!

How do I know I'm an engineer?

Listen, my boy, incline me ye're ear,
Hear 'bout the switchboard? That was me—

'Twas nigh a week 'fore I could see
A bloomin' thing, and that ain't all,
I dropped a watt-meter out in the hall
And the way Joe raved, you'd a thot it
a squall.

When I got thru lab, no current 'ould flow,

'Cause I'd fixed old Joe's best dynamo.
I got screwed on circuits, canned on design,

So there'll be no theme this year for mine.

Go on, boom, ye shovelers and brewers of beer.

And hangers of pulleys—I'm happy and freer,

For I'm an electrical engineer!

ANOTHER WORD.

The present discussion of the position of athletics brings forward a point which we believe has not as yet been touched upon. The solicitation of funds from friends, alumni and present students for the erection of a gymnasium is an accomplished fact and must be shouldered not only as an obligation for its proper use when built, but also as an obligation of present endeavor to return the interest materially displayed by its donors.

The solicitation was not only sanctioned but pushed by the faculty. How then to explain the present doubting position of that body? Is it that they hear many caustic criticisms from certain of the students? We beg to bring to notice that these same critics lazily denounce every endeavor which demands activity and expense of the student body, and every institution that is subject to human frailty, even at times daring to denounce the curriculum and its handling. Are these then proper fair-minded critics of the situation.

May we then beg of you a serious consideration of the situation as it must appear to outsiders.

THE SPECTATOR ON THINKING.

As I was riding on a street-car the other day, I noticed a man wearing one of those celluloid cigarette buttons with the legend, "I DON'T THINK." A second glance at the man, who appeared to be rather unintelligent, led me to the conclusion that he was correctly but accidentally tagged. This chance observation recalled to me the words of an eminent teacher who said that "after all, education consists largely in teaching men to think and giving them something to think about." How many Tech students there are who, if the truth were known, display to their instructors just as clearly and unconsciously the advertisement, "I don't think." I even venture to predict that half a dozen hard-working students will fail this year just because they try to make parrots of themselves instead of engineers. It might even be worth while to add to the old heels, a new adage, "Let reason and memory form a partnership."

TS ALL RIGHT

to hear about LABRADOR. You can get that from our friends across the street, and get it good, too. But our thermostats are set for warmer stuff: To wit:

Gus Edwards and almost thirty-five of the GIRLS

that he has succeeded in 'cor-ralling who are HERE NOW (Engineer, the mercury is rising. Switch to the primary. We need cold air.)

They are in a

Song Revue of 1912

Clad Claddily, Voiced Variously, and Looking well, thank you.

GUS HIMSELF will be there and some representatives of the genus who are not as fierce as the FEMALE OF THE SPECIE.

A PROPER, PROPRIETIOUS propping of

Standard Vaudeville

again to wit:

SIX MORE BULLY ACTS

will be along too. Where?

At Poli's

Forninst the Sign of the Y.M.C.A.



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IT'S REALLY EE HALL THIS TIME 5-5.30 P. M. Wednesday

The News calendar has insisted in locating the Populars in EE hall this year, in spite of the fact that they have been advertised as taking place in the ME lecture room. When the News insists upon a thing, it has to go, so the Meetings committee at its meeting last week voted to go back to the plan of last year and hold the Populars in EE hall. An arrangement has been made with the Musical Association for sharing in the expense of a piano to be kept in EE hall, so that the greatest obstacle in the way of holding the Populars there has been removed. There will be good music each week now, and no more such hideous musical sounds as came from the small portable organ last week.

A member of the faculty who heard Dr. Bradley speak at last week's Popular, said afterwards: "My, but that was more refreshing than a good night's sleep!" And it was, but "just see what's coming."

This week, Wednesday—Dr. Allen King Foster. The mention of his name is enough to bring a crowd of upperclassmen. To any Freshman who do not know him, this tip—he's a jolly good fellow and one of the truest friends Tech men have ever had. Besides all this, he's a member of the Board of Trustees of the Institute, and loyalty to the Institute will prompt every true Tech man to be there. Music by the orchestra and a special solo will make this meeting one long to be remembered.

Wednesday, November 13—Dr. Seerley of Springfield, a national authority on Sex Hygiene, will be present. Save the date.

Wednesday, November 20—Our old friend, Dr. G. Glenn Atkins of Providence will be present—he's the man who started off our last year's Populars. Do you know that it's the only series of weekly student meetings at Tech that has ever attracted any large proportion of the student body—the weekly average last year was nearly 100, or more than one-third of the men who are available at the time when the meeting is held. Root for the Populars in order that this year's average may be even better. Save Wednesday, 5-5.50 P. M.

ELECTION RETURNS.

Election returns will be received by special western Union wire at the Y. M. C. A. building, 10 Elm street, Tuesday evening. They will be thrown by stereopticon on the screen in Association Hall as rapidly as they are received. Large sections in the hall are to be reserved for Tech and Clark. Clark will be there in full force—let's not be outdone by our friendly rival. Returns will be received from 7.45 to 12 P. M. In addition to the election returns continuous entertainment will be provided throughout the evening. No admission charge. Refreshments will be on sale.

HOW TO BECOME A FOOTBALL PLAYER.

Stand in a crouching attitude and glare at the man opposite you until you hear the quarterback call out his best girl's telephone number. Then dash forward and grab your opponent around the knees or waist or neck, and throw him violently to the ground. Step on his face and proceed to the next man. Punch him in the solar plexus and take a bite out of his left ear. Use similar tactics toward any member of the opposing team who may happen to get in your way.

Just as often as not it will happen that the above mentioned things are done to you instead of by you. In that case your team will probably lose the game.

By the way, you will sometimes see a football being kicked about the field. If so, do not pay any attention to it. It is merely for the purpose of deceiving the police so that the carnage can go on without interruption. N. Y. World.

WORCESTER ALUMNI MEETING.

The Alumni in Worcester and vicinity were given a rare treat Thursday evening by being able to hear Prof. Harold B. Smith give an illustrated talk on a portion of his recent trip abroad.

Prof. Smith was introduced by Secretary Stearns and without ceremony proceeded to tell of the "Orient, Occident, Incident and Accident."

The first part of the talk included about thirty slides from the vicinity of Tunis and Algiers. These showed the ruins of ancient cities and phases of desert life.

The great variety of interesting sights in Western and Southern India was shown in a pleasing manner by about one hundred and fifty slides.

Before closing, just as a teaser, Prof. Smith showed fifty slides of Japan in the glory of her blossom season.

The lecture was greatly enjoyed by everyone present, and much thanks is due Prof. Smith for his effort to share the pleasures of the trip with his many friends.

After the lecture a social hour was spent in the Design room. There refreshments were served. These consisted of an abundance of cider, coffee, doughnuts, cheese and sandwiches.

ALUMNI NOTES.

Mr. Lewis Davis '11, who received the degree of Master of Science in June at the Massachusetts Institute of Technology after a year of specialization in Sanitary Chemistry, and was recently connected with the New Jersey State Board of Health at Trenton, has resigned to accept a commercial position in New York.

One of the visitors at the Institute last week was C. H. Corbin '10, who is connected with Landers, Frary and Clark, New Britain, Ct., as Assistant Superintendent.

The annual reunion and banquet of the New York Alumni Association will be held Thursday evening, Nov. 14, at Hotel Savoy.

R. J. Dearborn '98, formerly assistant attorney in the legal department of the Westinghouse Electric and Manufacturing Co., and E. W. Marshall '98, have formed a partnership and will engage in the practice of patent law at 76 William street, New York City.

BOTH SIDES OF IT.

The teacher was very angry.
Not one in the class would work.
He always had to urge them on,
For each one seemed a shirk.

"My men," he said, quite nettled,
"The more I see of you,
I wonder what, without a teacher,
Most of you would do."

Now Bill, he didn't like it,
In his seat all sprawled;
So he raised him up and yawned;
Then he slowly drawled.

"Well, I have often wondered,
Here, as I've watched you,
What, without we students,
ANY of you would do."

F. T. M. '13

A NEAR DROWNING.

A catastrophe was narrowly averted last week at the W. P. I. plant at Chaffin's. An experiment was being performed on meter testing with the boom revolving at a good speed, when R. D. Leonard, a senior civil, decided suddenly to land. He was standing on the end of the revolving boom as it approached the wharf, when he was unable to resist the centrifugal force. Prof. Allen, who was standing on the wharf, for Russel tried to swing his arms around the Prof's neck to save himself. But, alas, he missed him. He landed in the pond, five feet below, but, fortunately, there were many senior civils nearby, who, hearing his whinnying wails, rushed to his rescue. It is hoped that Russel will be able to continue his experiments another week, altho it is said that he has ordered a life preserver.

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LOCKETS PLATES, etc.
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You are a Football Fan or a college man.

Real or at heart, then you are certainly interested in smart snappy clothes.

Our showing of swagger suits and Overcoats are out of the ordinary.

Superbly hand tailored and finished.

The range of models is so varied that we can please men of every taste and of every build.

They can't be equalled at the price.

\$20 \$25 & \$30

Others from \$15. to \$50.

See Our Windows

Ware-Pratt Co.

THE PRESIDENTIAL PROSPECTS.

An interesting situation is before us in to-morrow's presidential election. In case the popular vote does not give any man a majority, as is very probable, and if the presidential electors stick by the candidates under whose colors they are running, then the election goes to the house of representatives. Here more complications develop in view of the fact that the vote is divided as follows: Democratic states 22, Republican states 22, delegations evenly divided, 4. It is plain that with the states in the Republican column divided between Roosevelt and Taft neither could obtain a majority. As for Wilson, it would be necessary for him to win over three of the votes in either the evenly divided or republican list, and that would seem practically an impossibility. In the meantime, the senate would ballot for vice-president, being restricted to choice between the two leading candidates for that office. That would probably mean choosing between the democratic and republican or progressive candidate. The present Senate is made up of 50 republicans and 44 democrats. All that is necessary to prevent an election here is for four senators—either insurgents of stand patters, as the case may be, to absent themselves from Washington during the voting.

In this case the presidential election would be a complete failure, and on March 4, 1913, when Pres. Taft's term of office expires, Secretary of state Knox would become acting president. Then, according to law, it would be his first duty to call Congress in a special session, giving twenty days' notice to its members.

At this session of Congress, it is presumed a call would at once be issued for a special presidential election, which would probably be held in November, 1913—certainly not a situation to be looked forward to, in view of the country's best interests.

THE WORCESTER PAPERS.

It is interesting to note the references which the news organs of this "beauteous city" make to Tech and her activities. As soon as the News runs a series on "Shall We Abolish Athletics," and receive emphatic negative replies from all directions, the papers seize with avidity on this topic, as a woman seizes scandal, and the next issue tells us that football is on its last legs at Tech. Football and Athletics are assumed to be synonymous, and a glaring headline, followed by distorted facts follows the above announcement. Similarly the charge of intemperance, which, by the way, was never proved, was gathered into the breasts of our worthy contemporaries, and made the theme of an article worthy of the late Mr. Crane.

But, aside from their viewpoint of Tech, much amusement may be derived from these sources. Last year's water famine furnished some fun, especially for the chemists. That scarce gave the Worcesterites a most remarkable example of the rate at which a paper could change its base from one of condemnation to one of "laudation." Suggestions made by the papers at that time as to the proper thing to be done, and which was actually put thru, have since been made the object of ridicule by the proposers of the scheme.

The advertising columns often present material for a hearty laugh, although this is not the doings of the paper itself. "Wanted—A strong boy, handy with a pen," is an example found recently by the writer. You will find plenty of things to make you serious, so keep your eyes peeled for this kind of thing. It may make you feel fetter—it does me.

"ANOTHER COMMUNICATION."

To the Editor of the Tech News:—

Dear sir—My roommate is a chemist. I can't imagine what anyone wants to room with a chemist for, but the above statement is a fact, just the same. When a man comes home from the laboratory four days a week smelling like a defunct skunk, it is time that something in the way of advance in Chemistry was made. Why on earth can't they teach them something beside the manufacture of vile smudges which render the men unfit to associate with their like in form but not in odor. Why I have seen my "wife" dress up and go out to see his girl, and come back inside of an hour, because she said his hair smelt like the deuce. I should think the theaters would refuse to admit them; every electric car says "or otherwise obnoxious persons," and so I suppose they have to walk all the time.

Another source of grievance is there system of naming things. Only a few days ago I returned home to find him writhing on the floor in agony with a strip of paper about a yard long dangling from his teeth. I gave him some whisky, which seemed to help him—whisky seems to help all chemists—and then I pulled the paper from his teeth. On it was written a lot of Cs and Hs and after it was written "leucyl triglycyl leucyl triglycyl leucyl octoglycyl glycerine" and some more gibberish telling how to make it. Now I think it's positively inhuman to require men to assimilate any such material as that. I for one, put myself on record in the following manner:—

1 I protest against having my roommate smell like the four decomposition product of a pole-cat.

2 I believe that in justice to our future men and women, we should not force men to go thru any such contortions as my roommate was engaged in, merely to obtain a diploma.

3 I believe that such contortions are injurious to mind and body.

4 I believe that education does not consist of any such material.

5 I protest against furnishing all the whisky for reviving the poor victim.

6 I suggest that the Chemistry Department furnish whisky.

Schenectady N. Y., Oct. 18, 1912.
Editor Tech News,
Worcester Polytechnic Institute,
Worcester, Mass.

Dear sir—The members of the Schenectady Alumni of the Worcester Polytechnic Institute desire to express their appreciation of last Saturday's game, when Worcester lost to Union by one point.

The exhibition of a Tech team which can come back in the second half stronger than in the first is exceedingly gratifying. "The second half was all Worcester's" is a comment of the local press, and we believe the whole game would have been Worcester's if the uncertainties of chance had not intervened.

We are proud of the Tech team and wish them the success they deserve in the coming games.

Yours truly,
W. L. Towne, Sec. Treas.

Never before has the "demon of poetry" encamped so firmly on the Hill, as it has this year. Poem after poem is received by the Editors, until they wonder if this is a Technical School. They are welcome, however, for truly we hear enough of stresses, strains, pulleys, bacteria, etc. Long live this "demon of possession."

One dear little "son of Tech" is finding daily exercise in making the ascent from West street to Boynton Hall. Others find similar exercise in reaching the Hall from Boynton street. Maybe the men who are finding this exertion too much for them, are also devotees of Athletics. Evidently there is some difference of opinion as to the value of exercise. Some cry for it, others for less of it.

LADIES' NIGHT AT THE A. I. E. E.

All the students with their steadies (?) were entertained Friday night by the Electrical Engineering Society. Prof. H. B. Smith, head of the electrical department, gave a lecture on his travels thru Japan last spring. H. B. departed from his usual custom, and, instead of showing hyperbolic curves and the like, used over two hundred colored lantern slides. These slides were from photographs taken by Prof. Smith, and colored by native artists in Japan.

The lecture reviewed the journey, giving a brief, but interesting, account of the places visited and the impression of the country gained thru his stay there.

In spite of inclement weather there was a large number present and it was demonstrated that

"It's always fair weather,
When there's doughnuts and cider."
After refreshments, there was dancing in the laboratory.

Prof. Smith intends to return to Europe to engage in post-graduate study before returning to the Institute next year to resume his position as the head of the electrical department.

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